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U. S. Geological Survey
Carlsbad, N.M.

E. A. Lucio
RB

3rd QUARTER RESURVEY
REPORT OF SUBSIDENCE SURVEY
JACKPILE MINE
LAGUNA, NEW MEXICO

Confidential Claim Retracted

Authorized by: *SC*

Date: *4/24/13*

PREPARED BY MARION ENGINEERING SURVEYS
LAGUNA, NEW MEXICO
October 13, 1976



9404346

CONFIDENTIAL

POL-EPA01-0005615

ANACONDA SUBSIDENCE SURVEY

JACKPILL MINE, LAGUNA, NEW MEXICO

OCTOBER 13, 1976

Delta Initial Survey

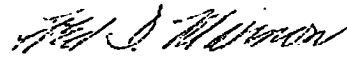
POINT #	NORTH	EAST	N	E	Elevation	Delta Initial Survey
1	1001855.87270	990225.73137	+0.065	+0.011	6281.598	-.013
2	1001877.43246	990128.16824	+0.049	-.045	6288.503	-.047
3	1001899.02459	990030.61817	+0.081	-.003	6293.530	-.067
4	1001921.69900	989933.25900	-.022	-.072	6303.710	-.069
5	1001942.05394	989835.67194	+0.105	+0.019	6315.557	-.122
6	1001963.56615	989738.01246	+0.003	-.005	6313.743	-.074
7	1001985.03920	989640.82974	-.009	+0.013	6325.162	-.117
8	1002006.60376	989543.13680	+0.030	-.078	6333.119	+0.002
9	1002029.77764	989446.04248	+0.006	+0.062	6346.792	-.015
10	1002057.91201	989350.33190	+0.008	-.001	6356.407	-.012
12	1001886.57721	989413.33237	+0.025	+0.019	6355.760	-.022
13	1001860.56176	989510.55370	+0.045	-.015	6349.480	-.007
14	1001838.95651	989608.11987	-.007	-.036	6349.069	+0.003
15	1001817.42181	989705.56062	-.040	-.020	6329.369	-.013
16	1001795.98169	989803.03989	+0.077	-.023	6319.264	-.015
17	1001774.52411	989900.55857	+0.061	-.039	6317.523	+0.001
18	1001752.89082	989998.15987	-.024	-.023	6311.185	-.003
19	1001731.32439	990095.58531	-.023	-.069	6303.910	-.014
20	1001709.91239	990193.21528	+0.095	-.008	6297.432	-.004
21	1002413.88804	988801.62611	-.027	-.006	6374.530	-.022
22	1002488.06983	988735.14245	+0.001	-.028	6374.385	-.026
23	1002557.97347	988675.10686	-.001	+0.001	6370.103	+0.008
24	1002651.99007	988621.02458	+0.007	+0.000	6372.270	-.008
25	1002739.85747	988573.32736	+0.025	+0.008	6375.048	-.016
26	1002831.04547	988532.21834	-.023	+0.003	6375.328	-.016
27	1002926.00668	988498.73884	+0.039	+0.033	6362.640	-.028
28	1002820.78637	988322.29374	+0.042	-.004	6382.060	+0.004
29	1002727.72662	988358.82533	+0.055	+0.005	6389.711	-.004
30	1002637.29810	988401.35635	+0.027	-.014	6396.274	+0.001
31	1002549.64840	988449.43266	+0.002	+0.009	6390.172	+0.006
32	1002465.35872	988503.13104	-.017	-.001	6396.556	-.008
33	1002384.65040	988562.14198	-.031	+0.004	6397.524	-.007
34	1002307.97961	988626.14727	+0.014	-.028	6395.108	-.006

CONFIDENTIAL

POL-EPA01-0005616

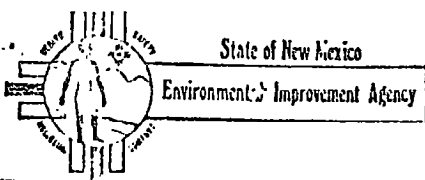
CERTIFICATION

This is to certify that the data contained within this report was derived from actual field surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.



Fred D. Marmon, Registered
Land Surveyor, Certificate
No. 2031

October 13, 1976



BACTERIOLOGICAL

WATER REPORT

64201

TRB
EAL
WEG8/17/76 2041
Date Received Lab No.Town Jackpile-Minesite Code # 32 County ValenciaDate Collected 8-17-76 Collected By S. C. LEAHYLocation No. Chlorinated ☐ YES ☒ NO ☐ Residual Owner of System The Anaconda Company pH Collection Point Jackpile P-10 Mine WellPUBLIC ☐ SEMI-PUBLIC ☒ PRIVATE ☐ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐Stream/Lake Name Sewage/Industrial Plant Name River Basin: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐LITTLE COLORADO ☐ OTHER SANITARY SURVEY COMPLETED— YES ☐ NO ☐CHECK TEST REQUIRED: POTABILITY; COLIFORM GROUP, MEMBRANE FILTER ☐STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐Re-Sample No. Other

SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)

Mr. T. R. Beck
The Anaconda Company
P. O. Box 638
Grants, New Mexico 87020

RESULTS OF TESTS FOR COLIFORM GROUP

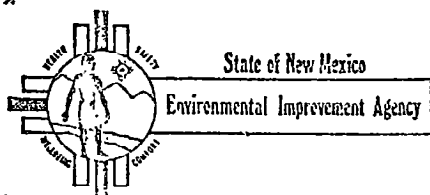
Volume	Presumption		Confirmed		Completed
	24 Hours	48 Hours	24 Hours	48 Hours	
10 ml.					
10 ml.					
10 ml.					
10 ml.					
10 ml.					

CONFORMS ☐ DOES NOT CONFORM ☐
WITH DRINKING WATER STANDARDSColiform Colonies (MF) 0 /100 ML.Standard Plate Count, 35°C /ML.Fecal Coliform (MF) /100 ML.Fecal Streptococci (MF) /100 ML.Other Date Reported 8-18-76

1. Please give full information to avoid delay in report. 2. Type or print with pencil or ball point pen. 3. See back of first copy for important information.
4. No sample shall be accepted until a sanitary survey by a representative of the Environmental Improvement Agency has been made and such sampling authorized.

EIA 005 Form Issued 11/73 (Replaces LAB 005)

(over)



BACTERIOLOGICAL WATER REPORT

64201

Town Jackpile-Minesite Code # 32 County ValenciaDate Collected 8-17-76 Collected By S. C. LEAHYLocation No. Chlorinated YES ☐ NO ☒ Residual Owner of System The Anaconda Company pH Collection Point Jackpile New ShopPUBLIC ☐ SEMI-PUBLIC ☐ PRIVATE ☒ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐Stream/Lake Name Sewage/Industrial Plant Name River Basin: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐LITTLE COLORADO ☐ OTHER SANITARY SURVEY COMPLETED— YES ☐ NO ☐CHECK TEST REQUIRED: POTABILITY; COLIFORM GROUP, MEMBRANE FILTER ☐STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐Re-Sample No. Other

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THE ANACONDA COMPANY
WATER ANALYSIS

CONFIDENTIAL

-POL-EPA01-0005619-

WATER PUMPED

3rd QUARTER 1976

	<u>GALLONS</u>
P-10 Well	2,171,000
New Shop Well	877,000
P-10 Mine	26,411,000